

CLAIMS

I claim:

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1. A method for sharing an application, the method comprising:
- determining a position and a size of a non-OpenGL region of a shared application window by monitoring function calls made by the application;
- determining a position and a size of an OpenGL region of a shared application window by monitoring OpenGL function calls made by the application; and
- capturing a screen shot of an image corresponding to the non-OpenGL and the OpenGL regions of the shared application window;
- wherein the position and the size of the non-OpenGL region and the position and the size of the OpenGL region define a position and a size of the shared application window.
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2. The method of Claim 1 further comprising:
- transmitting the position and the size of the shared application window to a viewer.
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3. The method of Claim 1 further comprising:
- transmitting the screen shot to a viewer.
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4. The method of Claim 1 further comprising:
- determining a position and a size of a non-shared application window by monitoring function calls made by the non-shared application; and

if the non-shared application window overlaps the shared application window, determining a position and a size of an overlapping region.

5. The method of Claim 4 further comprising:
transmitting the overlapping region to a viewer.

6. The method of Claim 1 further comprising:
determining whether the position or the size of the shared application window has changed by monitoring function calls made by the shared application; and
if the position or the size of the shared application window has changed, determining a new position and/or a new size of the shared application window.

7. The method of Claim 1 further comprising:
periodically capturing the image corresponding to the shared application window.

8. The method of Claim 7 further comprising:
periodically transmitting the captured image to the viewer.

9. A computer-readable storage medium storing a computer program executable by a computer, the computer program comprising computer instructions for:
determining a position and a size of a non-OpenGL region of a shared application window by monitoring function calls made by the application;

determining a position and a size of an OpenGL region of a shared application window by monitoring OpenGL function calls made by the application; and

capturing a screen shot of an image corresponding to the non-OpenGL and the OpenGL regions of the shared application window;

wherein the position and the size of the non-OpenGL region and the position and the size of the OpenGL region define a position and a size of the shared application window

10. The computer readable storage medium of Claim 9 further comprising computer instructions for:

transmitting the position and the size the shared application window to a viewer.

11. The computer readable storage medium of Claim 9 further comprising computer instructions for:

transmitting the screen shot to a viewer.

12. The computer readable storage medium of Claim 9 further comprising computer instructions for:

determining a position and a size of a non-shared application window by monitoring function calls made by the non-shared application; and

if the non-shared application window overlaps the shared application window, determining a position and a size of an overlapping region.

13. The computer readable storage medium of Claim 12 further comprising computer instructions for:

transmitting the overlapping region to a viewer.

5 14. The computer readable storage medium of Claim 9 further comprising computer instructions for:

determining whether the position or the size of the shared application window has changed by monitoring function calls made by the shared application; and

10 if the position or the size of the shared application window has changed, determining a new position and/or a new size of the shared application window.

15 15. The computer readable storage medium of Claim 9 further comprising computer instructions for:

periodically capturing the image corresponding to the shared application window.

20 16. The computer readable storage medium of Claim 15 further comprising computer instructions for:

periodically transmitting the captured image to the viewer.

17. A data conferencing system comprising:

a presenter computer connected to one or more server computers via a global area network;

a viewer computer connected to the one or more server computers via the global area computer network; and

a computer program executable by the presenter computer, wherein the computer program comprises computer instructions for:

5 determining a position and a size of a non-OpenGL region of a shared application window by monitoring function calls made by the application;

10 determining a position and a size of an OpenGL region of a shared application window by monitoring OpenGL function calls made by the application; and

15 capturing a screen shot of an image corresponding to the non-OpenGL and the OpenGL regions of the shared application window;

 wherein the position and the size of the non-OpenGL region and the position and the size of the OpenGL region define a position and a size of the shared application window.

18. The data conferencing system of Claim 17 further comprising computer instructions for:

20 transmitting the position and the size of the shared application window to a viewer computer.

19. The data conferencing system of Claim 17 further comprising computer instructions for:

25 transmitting the screen shot to the viewer computer.

20. The data conferencing system of Claim 17 further comprising computer

monitoring function calls made by the non-shared application; and

if the non-shared application window overlaps the shared application

21. The data conferencing system of Claim 20 further comprising computer

transmitting the overlapping region to a viewer.

22. The data conferencing system of Claim 17 further comprising computer

determining whether the position or the size of the shared application

window has changed by monitoring function calls made by the shared application; and

23. The data conferencing system of Claim 17 further comprising computer

instructions for:

periodically capturing the image corresponding to the shared application

24. The data conferencing system of Claim 23 further comprising computer

periodically transmitting the captured image to the viewer computer.

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